

Contents of volume 30

Number 1, 21 August 1990

Effects of oxytocin on in vivo release of insulin and glucagon studied by microdialysis in the rat pancreas and autoradiographic evidence for [³H]oxytocin binding sites within the islets of Langerhans

S. Stock, J. Fastbom, E. Björkstrand, U. Ungerstedt and K. Uvnäs-Moberg (Sweden) 1

Purification of bovine cholecystokinin-58 and sequencing of its N-terminus

J. Eng, H.-R. Li and R. S. Yalow (U.S.A.) 15

Administration of adrenocorticotrophic hormone (ACTH) enhances Fos expression in the rat adrenal cortex

G. Yang, J. Koistinaho, M. Iadarola, Shenhua-Zhu and A. Hervonen (Finland, U.S.A.) 21

Abstracts of the Annual Meeting of the Bayliss & Starling Society, Egham, 2-3 September 1990

33

Author index to Abstracts

61

Announcements

63

Number 2, 10 September 1990

Announcement from the Publisher

iii

Capsaicin-sensitive nerves influence the release of atrial natriuretic factor by atrial stretch in the rat

A. J. Rankin and T. M. Scott (Canada) 65

Pneumadin: a new lung peptide which triggers antidiuresis

V. K. Batra, M. Mathur, S. A. Mir, R. Kapoor and M. A. Kumar (India) 77

Immunocytochemical localization and identification of members of the pancreatic polypeptide (PP)-fold family in human thyroid C cells and medullary carcinomas

L. Scoppi, S. Pilotti and F. Rilke (Italy) 89

Cholecystokinin is a regulator of intestinal phase-stimulated PP release

G. Adler, C. Beglinger, U. Braun, M. Reinshagen, I. Koop and A. Schafmayer (F.R.G., Switzerland) 105

Metabolism of i.v. administered 45 kDa epidermal growth factor in the rat

P. E. Jørgensen, E. Nexø, L. Raaberg, T. N. Rasmussen and S. S. Poulsen (Denmark) 113

Bombesin potentiates the effect of acetylcholine on isolated strips of fish stomach

M. Thorndyke and S. Holmgren (U.K., Sweden) 125

Comparison of organ uptake and disappearance half-time of human epidermal growth factor and insulin

S. J. Konturek, W. Pawlik, W. Mysh, P. Gustaw, R. Sendur, E. Mikos and W. Bielański (Poland) 137

Epidermal growth factor reactivity in rat milk

L. Raaberg, E. Nexø, L. Tollund, S. S. Poulsen, S. B. Christensen and M. S. Christensen (Denmark) 149

Elevated plasma levels of pancreastatin (PST) in patients with non-insulin-dependent diabetes mellitus (NIDDM)	159
<i>A. Funakoshi, K. Tateishi, H. Shinozaki, M. M. Matsumoto and H. Wakasugi (Japan)</i>	
Neuropeptide release from isolated myenteric nerve endings derived from the guinea pig myenteric plexus	165
<i>F. L. Christofi, T. J. McDonald and M. A. Cook (Canada)</i>	

Number 3, 8 October 1990

Announcement from the Publisher	iii
Vagally induced release of gastrin, somatostatin and bombesin-like immunoreactivity from perfused rat stomach. Effect of stimulation frequency and cholinergic mechanisms <i>S. Madaus, H. Bender, V. Schusdziarra, K. Kehe, G. Munzert, G. Weber and M. Classen (F.R.G.)</i>	179
Distribution of localization of neuropeptide Y-like immunoreactivity and neuropeptide Y-like immunoreactivity in rat peripheral tissue <i>K. Tateishi, S. Kishimoto, H. Kobayashi, K. Kobuke and Y. Matsuoka (Japan)</i>	193
Neuropeptide Y inhibits cAMP accumulation in renal proximal convoluted tubules <i>R. M. Edwards (U.S.A.)</i>	201
Distribution and partial characterisation of immunoreactivity to the putative C-terminus of rat pancreastatin <i>W. J. Curry, C. F. Johnston, C. Shaw and K. D. Buchanan (N. Ireland)</i>	207
Luminal responses to bradykinin on the isolated canine tracheal epithelium: effects of bradykinin antagonists <i>P. K. Rangachari, B. Donoff, R. J. Vavrek and J. M. Stewart (U.S.A.)</i>	221
Effects of rat and chicken calcitonin gene-related peptides (CGRP) upon calcium metabolism in chicks <i>A. K. Ancill, Z. A. Bascal, G. Whitaker and C. G. Dacke (U.K.)</i>	231
Stimulation of pancreatic amylase release is associated with a parallel sustained increase of cytoplasmic calcium <i>L. Sjödin, H. G. Dahlén, P. E. Lund and E. Gylfe (Sweden)</i>	239
Author index	254
Key word index	256

